

Amendment to the Claims:

Please amend the claims as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An intraluminal catheter system, comprising:
a first tubular member comprising a hypotube having a proximal end and a distal end and having a fluid containing lumen therethrough;
a medical device coupled to said first tubular member proximate said distal end;
a slave actuating member coupled to said medical device and slidably mounted proximate said distal end for longitudinal movement with respect to said first tubular member;
and
a master actuating member configured for longitudinal movement within said hypotube ~~first tubular member~~ proximate said proximal end, said master actuating member hydraulically coupled to said slave actuating member.

Claim 2 (original): A system according to claim 1 wherein said slave actuating member is configured for movement within said lumen.

Claim 3 (original): A system according to claim 1 wherein said lumen has a constant diameter.

Claim 4 (canceled):

Claim 5 (original): A system according to claim 1 wherein said master actuating member comprises a first plunger.

Claim 6 (original): A system according to claim 5 wherein said slave actuating member comprises a second plunger configured for telescopic movement within said first tubular member, said second plunger extending beyond said distal end of said first tubular member.

Claim 7 (currently amended): A system according to claim 5 wherein said slave actuating member comprises a second tubular member configured for telescopic movement with respect to said first tubular member, said second tubular member extending over said distal end of said first tubular member.

Claim 8 (original): A system according to claim 1 wherein said medical device comprises an expandable filter for capturing emboli.

Claim 9 (original): A system according to claim 1 wherein said medical device comprises an expandable occluder.

Claim 10 (original): A system according to claim 6 further comprising a sealing member fixedly attached to said second plunger for providing a fluid seal between said first tubular member and said second plunger.

Claim 11 (currently amended): A system according to claim 7 further comprising a sealing member fixedly attached to said second tubular member for providing a fluid seal between said first tubular member and said second tubular member.

Claim 12 (original): A system according to claim 8 wherein said filter comprises a proximal region having a plurality of openings therein of sufficient size for emboli to pass through.

Claim 13 (original): A system according to claim 12 wherein said filter comprises a distal region having a plurality of pores therein of a size sufficiently small to capture the emboli.

Claim 14 (original): A system according to claim 13 wherein at least said distal region is a mesh.

Claim 15 (currently amended): A guidewire apparatus comprising:

a first tubular member comprising a hypotube having a proximal end and a distal end and having a fluid containing lumen therethrough;

a slave actuating member slidably mounted proximate said distal end for longitudinal movement with respect to said first tubular member; and

a master actuating member configured for longitudinal movement within said hypotube ~~first tubular member~~ proximate said proximal end, said master actuating member hydraulically coupled to said slave actuating member.

Claim 16 (original): A system according to claim 15 wherein said slave actuating member is configured for movement within said lumen.

Claim 17 (original): A system according to claim 15 wherein said lumen has a constant diameter.

Claim 18 (canceled):

Claim 19 (original): A system according to claim 15 wherein said master actuating member comprises a first plunger.

Claim 20 (original): An apparatus according to claim 19 wherein said slave actuating member comprises a second plunger configured for telescopic movement within said first tubular member, said second plunger extending beyond said distal end of said first tubular member.

Claim 21 (currently amended): An apparatus according to claim 19, wherein said slave actuating member comprises a second tubular member configured for telescopic movement with respect to said first tubular member, said second tubular extending over said distal end of said first tubular member.

Claim 22 (original): An apparatus according to claim 20 further comprising a sealing member fixedly attached to said second plunger for providing a fluid seal between said first tubular member and said second plunger.

Claim 23 (currently amended): An apparatus according to claim 21 further comprising a sealing member fixedly attached to said second tubular member for providing a fluid seal between said first tubular member and said second tubular member.

Claim 24 (currently amended): An intraluminal catheter system, comprising:
a first tubular member comprising a hypotube having a proximal end and a distal end and having a fluid containing lumen therethrough;
a medical device coupled to said first tubular member proximate said distal end;
a master actuating member telescopically mounted within said hypotube lumen proximate said proximal end and configured ~~[[to]]~~ for longitudinal movement therein; and
a slave actuating member telescopically mounted within said lumen proximate said distal end and configured for longitudinal movement therein, said slave actuating member coupled to said medical device and hydraulically coupled to said master actuating member.

Claim 25 (original): A system according to claim 24 wherein said lumen has a constant diameter.

Claim 26 (canceled):

Claim 27 (original): A system according to claim 24 wherein said master actuating member comprises a first plunger.

Claim 28 (original): A system according to claim 27 wherein said slave actuating member comprises a second plunger extending beyond said distal end of said first tubular member.

Claim 29 (original): A system according to claim 24 wherein said medical device comprises a filter for capturing emboli.

Claim 30 (original): A system according to claim 24 wherein said medical device comprises an occluder.

Claim 31 (original): A system according to claim 28 further comprising a sealing member fixedly attached to said second plunger for providing a fluid seal between said first tubular member and said second plunger.

Claim 32 (original): A system according to claim 29 wherein said filter comprises a proximal region having a plurality of openings therein of sufficient size for emboli to pass through.

Claim 33 (original): A system according to claim 32 wherein said filter comprises a distal region having a plurality of pores therein of a size sufficiently small to capture the emboli.

Claim 34 (original): A system according to claim 33 wherein at least said distal region comprises a mesh.